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Certificate of Analysis

Catalogue Number	03801
Lot Number	000424-140210-31106
Product	<i>N</i>^{α,ε}-Bis-Boc-L-lysine <i>N</i>-hydroxysuccinimide ester Boc-L-Lys(Boc)-OSu
CAS Number	30189-36-7
Molecular Formula	C ₂₀ H ₃₃ N ₃ O ₈
Molecular Weight	443.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	85 °C
Water Content (Karl Fisher)	0.133%
Optical Rotation	[α] _D ²⁰ = -27.5° (C=2 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.91%
¹H NMR	Conforms to structure
Purity by HPLC	99.41%
Storage	Store at 0-8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager